

- 27 -

### **Abstract**

A tooth model, ideally constructed with the aid of a tooth data bank and/or externally designed

The invention relates to a data base for the storage of data, which comprises dental data relating to real teeth in the form of digitized images, which digitized images involve universally applicable dentition-specific and/or universally applicable tooth-specific features or structural properties, such as sex-specific and/or tooth family-specific and/or biography-specific and/or person-specific characteristics, with or without anomalous characteristics.

It also relates to a tooth model, whose outer and inner surfaces and/or internal structure are specified by means of data from a data base and are displayed on an output device, and, in particular, the data used for this purpose are taken from a data base and are suitably adapted.

The invention also relates to a method of conceiving a tooth model whose external shape and/or internal structure are designed and/or constructed by means of data which represent sex-specific and/or race-specific and/or biography-specific and/or person-specific characteristics, with or without anomalous characteristics, wherein the user and/or the client, with the aid of an electronic data processing system, accesses data base(s), combines these data on display means to form an image of a tooth model, and, with the aid of said image of a tooth model, produces the tooth model, whose shape can be processed with the aid of the input and output devices of the electronic data processing system.

(Fig. 1)